



**COVER PAGE LISTING DOCUMENTS
BEING TRANSMITTED VIA FACSIMILE**

11 Pages Via Facsimile: 571-273-2885

Mail Stop

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office (fax no. 571-273-2885) on December 17, 2007.



Caleb Pollack Reg. No. 37,912

Regarding the following Application:

Applicant(s): SHEMESH, Yair et al.

Examiner:

Chow, Charles C.

Serial No./ 10/810,685

Group Art Unit: 2618

Patent No.:

Filed/ March 29, 2004

Attorney Docket No.: P-6585-US

Issue Date:

Title: INTEGRATED CIRCUIT AND METHODS FOR THIRD SUB HARMONIC UP
CONVERSION AND DOWN CONVERSION OF SIGNALS

Please find:

- | | |
|--|---|
| 1. <input type="checkbox"/> Provisional Application Cover Sheet | 11. <input type="checkbox"/> Response to Notice to File Missing Parts (____ Pages) |
| 2. <input type="checkbox"/> Utility Patent Application Transmittal | 12. <input type="checkbox"/> Response to Notice of Incomplete Reply (____ Pages) |
| 3. <input type="checkbox"/> RCE Transmittal Sheet | 13. <input type="checkbox"/> Request for Correction of Filing Receipt |
| 4. <input type="checkbox"/> Transmittal Sheet for Entering National Phase | 14. <input type="checkbox"/> Information Disclosure Statement including: |
| 5. <input type="checkbox"/> Design Patent Application Transmittal | - Form PTO/SB/08 and |
| | - references _____ |
| 6. <input type="checkbox"/> Fee Transmittal Sheet | 15. <input checked="" type="checkbox"/> Amendment under 37 C.F.R. § 1.312 (7 Pages) |
| 7. <input type="checkbox"/> Utility or Design Patent Application Under 35 USC 111(a) | 16. <input type="checkbox"/> Response to Office Action dated _____ (____ Pages) |
| <input type="checkbox"/> Provisional Patent Application Under 35 USC 111(b) | 17. <input type="checkbox"/> Petition for a One Month(s) Extension of Time |
| <input type="checkbox"/> National Phase Patent Application Under 35 USC 371 | 18. <input type="checkbox"/> Terminal Disclaimer |
| Containing: | 19. <input type="checkbox"/> Notice of Appeal |
| ____ Pages of Specification | 20. <input type="checkbox"/> Appeal Brief (____ Pages) |
| ____ Pages of Claims | 21. <input checked="" type="checkbox"/> Issue/ Publication Fee Transmittal |
| ____ Page of Abstract | 22. <input type="checkbox"/> Submission of Formal Drawings: Two sets of |
| ____ Pages of Formal Drawings | ____ Sheets containing Figs. _____ |
| ____ Pages of _____ | 23. <input type="checkbox"/> Certified copy of Priority Doc. |
| 8. <input type="checkbox"/> Signed Declaration & Power of Attorney (____ Pages) | 24. <input type="checkbox"/> Claim for Convention Priority |
| 9. <input type="checkbox"/> Request for Correction of Recordation of Assign. and: | 25. <input type="checkbox"/> Revocation and Power of Attorney, including: |
| - Recordation Cover Sheet | - Statement Under 37 CFR 3.73(b) |
| - Copy of Notice of Recordation of Assignment | - Copy of Assignment |
| 10. <input type="checkbox"/> Recordation of Assign. Cover Sheet & Signed Assign. | 26. <input checked="" type="checkbox"/> Other: Interview Summary (2 Pages) |



Attorney Docket No.: P-6585-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): SHEMESH, Yair, et al. Examiner: CHOW, Charles Chiang
Serial No.: 10/810,685 Group Art Unit: 2618
Filed: March 29, 2004
Title: INTEGRATED CIRCUIT AND METHODS FOR THIRD SUBHARMONIC UP
CONVERSION AND DOWN CONVERSION OF SIGNALS

**INTERVIEW SUMMARY AND
COMMENTARY ON REASONS FOR ALLOWANCE**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants thank the Examiner for entry of the Examiner's amendment and the allowance of this Application.

In a September 4, 2007 telephone interview between the undersigned and Examiner Chow, Examiner Chow agreed to make an Examiner's amendment to the claims. This Examiner's amendment is reflected in the Examiner's Amendment mailed September 20, 2007.

Applicants wish to comment on the Examiner's statement of reasons for allowance.

The Examiner's amendment, discussed above, is not reflected in the statement of reasons for allowance; Applicants assume that the reasons for allowance includes and discusses the version of the claims as amended by the Examiner, rather than the version shown on page 3 of the Examiner's Notice of Allowability.

The Examiner seems to equate Applicants' Figures 1-4 with the three allowed independent claims. However, Figures 1-4 are merely embodiments of the inventions of the allowed claims.

In the Notice of Allowance the Examiner gives specific reasons as to why independent claims 40, 49 and 54 are allowable; however some details of these reasons describe specific

APPLICANT: SHEMESH, Yair, et al.
SERIAL NO.: 10/810,685
FILED: March 29, 2004
Page 2

embodiments. Other embodiments are also encompassed by the claims, and therefore these Examiner comments should not be considered to be limiting.

Further, the language used by the Examiner to describe claim 40 on the first four lines of page 3 of the Notice of Allowance is unclear to Applicants. It is unclear as to whether the description in these four lines corresponds to an embodiment of claim 40.

Should the Examiner have any question or comment as to the form, content or entry of this paper, the Examiner is requested to contact the undersigned at the telephone number below.

Aside from the issue and publication fees, being submitted separately, no fees are believed to be due in connection with this paper. If any additional fees are due, please charge any such fees to deposit account No. 50-3355.

Respectfully submitted,

Caleb Pollack, Reg. No. 37,912
Attorney for Applicant
Registration No. 37,912

Dated: December 17, 2007

Pearl Cohen Zedek Latzer, LLP
1500 Broadway, 12th Floor
New York, New York 10036
Tel: (646) 878-0800
Fax: (646) 878-0801